

ABSTRACT OF THE DISCLOSURE

A system and method for reducing the energy consumption of a swimming pool cleaning system is disclosed. The system operates the skimmer for a first predetermined time period inputted into a programmable controller. At the conclusion of this time period, the 5 programmable controller activates an actuator which causes a diverter valve or in-line valve to isolate and selectively operate a suction vacuum for a second predetermined time period. Isolating and selectively operating the suction vacuum from the skimmer allows the centrifugal pump to be driven by a motor in low speed mode to be used all of the time for skimming and cleaning operations, thereby greatly reducing energy consumption.